

Abstract

The invention relates to a method for operating a boosted internal combustion engine having direct fuel injection, in which a main combustion air quantity and a main fuel quantity, from which a main mixture is formed, are delivered to a combustion chamber, the main mixture formed being ignited in an area of an ignition top dead center. Following the combustion of the main mixture an additional combustion air quantity and an additional fuel quantity are introduced into the combustion chamber in such a way that a fuel-exhaust gas/air mixture is formed, which is reacted in an area of a gas exchange top dead center of the piston.